Claims

We claim:

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1. A method for providing sedative-hypnotic treatment to an individual in need of such treatment wherein said method comprises administering to the individual an effective amount of a compound, or an analog thereof, wherein said compound has a structure selected from the group consisting of:

$$\begin{array}{c|c} R_6 \\ O \\ N \\ X_3 \\ R_4 \\ N \\ R_7 \\ I \\ X_1 \\ X_2 \\ R_1 \end{array}$$

where R_1 is hydrogen or (saturated or unsaturated, branched or unbranched) C_{1-14} alkyl or a (substituted or unsubstituted) aryl group;

 R_2 and R_3 are, independently, hydrogen or (saturated or unsaturated, branched or unbranched) C_{1-4} alkyl, and n is 0 to 5;

 R_4 is hydrogen or (saturated or unsaturated, branched or unbranched) C_{1-14} alkyl or a (substituted or unsubstituted) aryl group;

 R_6 and R_7 are, independently, hydrogen or (saturated or unsaturated, branched or unbranched) C_{1-14} alkyl; and

 X_1 , X_2 and X_3 are, independently, O, S, or N; and

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$$\begin{array}{c|c}
R_{6} \\
O & N & X_{3} \\
R_{5} & R_{4} & R_{2} \\
R_{1} & X_{2} \\
R_{1} & R_{1}
\end{array}$$
II

where R_1 is hydrogen, or (saturated or unsaturated, branched or unbranched) C_{1-14} alkyl or a (substituted or unsubstituted) aryl group;

 R_2 and R_3 are, independently, hydrogen or (saturated or unsaturated, branched or unbranched) C_{1-4} alkyl, and n is 0 to 5;

R₄ and R₅ are, independently, hydrogen or (saturated or unsaturated, branched or unbranched) C₁₋₁₄ alkyl or a (substituted or unsubstituted) aryl group;

 R_6 is hydrogen or (saturated or unsaturated, branched or unbranched) C_{1-14} alkyl;

10 X_1 and X_2 are, independently, O, S, or N; and X_3 is S or N.

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